

## SECTION VI.—BIBLIOGRAPHY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following books have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological and seismological work and studies:

**Bauer, Louis Agricola.**

Land magnetic observations, 1905-1910. Washington. 1912. iv, 185 p. front. plates. tables. 30½ cm. (Carnegie institution of Washington. Publication no. 175.)

**Birge, Edward A.**

Work of the wind in warming a lake. Notes from the Laboratory of the Wisconsin geological and natural history survey, 8. 24½ cm. (Excerpted from the Transactions of the Wisconsin academy of sciences, arts, and letters, v. 18, pt. 2, 1916, p. 341-391.)

**Bowman, Isaiah.**

The Andes of southern Peru: geographical reconnaissances along the seventy-third meridian. New York. 1916. viii, [21], 336 p. plates. diagrams (partly fold.) 7 fold. maps. 26 cm. [Climate, p. 121-181, with diagrams.]

**Brooks, Charles Franklin.**

New England snowfall. 25½ cm. (Reprinted from the Geographical review, v. 3, 1917, p. 222-240.)

**Carpenter, Ford Ashman.**

The aviator and the weather bureau. San Diego. 1917. 32 p. (incl. title-page) front. illus. diagrams. 17½ cm. Title-page in red and black.

Same; 2d ed. San Diego. 1917. 32 p. (incl. title-page) front. illus. diagrams. 17½ cm.

**Flora, Snowden D.**

Aridity of living rooms in cold weather. 23 cm. (In Bulletin of the Kansas state board of health, v. 13, no. 1, Jan. 1917, p. 9-11.) [See a later issue of this REVIEW.]

**Keyes, Charles.**

Syllabus of a course of lectures on geologic processes and geographic products in arid regions; rev. reprint. Socorro. 1914. 15 p. 23 cm.

**Larde, Jorge.**

El terremoto del 6 de Septiembre de 1915 y los demas terremotos de el Salvador. San Salvador. 1916. 71 p. 24½ cm. (At head of title: Observatorio meteorológico y sismológico de el Salvador. Cover title reads: Edición de la Revista de la Enseñanza.)

**McAdie, Alexander George.**

The new (absolute) thermometer scale with comparative values. Blue Hill Observatory. c1917. 1 sheet. 21½ cm.

**McLean, Forman T.**

A preliminary study of climatic conditions in Maryland, as related to plant growth. Baltimore. 1917. charts. tables. 26½ cm. (Reprinted from Physiological researches, v. 2, no. 4, Feb. 1917, p. 129-208. Carried out under the auspices of the Maryland state weather service, in 1914. Bibliography, p. 207-208.)

**Marvin, Charles Frederick.**

Doing the work of the United States government. The weather bureau. 30 cm. (Excerpted from Export American industries, March, 1917, p. 72-76.)

**Mauritius. Royal Alfred observatory.**

Annual report of the director of the Royal Alfred observatory for the year 1915. Mauritius. 1916. 12 p. tables. 33 cm.

**Merrill, Paul W.**

Registration of earthquakes at the Detroit observatory during the years 1914 and 1915. 30 cm. (Excerpted from the Publications of the Astronomical observatory of the University of Michigan, v. 2, 1916, p. 165-177.)

**[Miami Conservancy district.]**

Miami valley flood-protection work . . . Dayton. 1917. 28 p. (incl. title-page) illus. diagrams. 30½ cm. "Five articles published in Engineering news during January and February 1917."

**Mysore. Meteorological dept.**

Report on rainfall registration in Mysore for 1915, by N. V. Iyengar. Bangalore. 1916. 53 p. tables. 3 charts (partly fold.) 2 fold. maps. 32½ cm.

**Plympton, George W[ashington].**

The aneroid barometer: its construction and use; 12th ed. New York. 1917. 126 p. front illus. tables. 15 cm. (On cover: Van Nostrand's science series. no. 35.)

**Via Raventós, José.**

1. Observaciones prácticas sobre las heladas primaverales.

2. Pequeñas heladas de invierno. Tarragona. 1915. 35 p. (incl. title-page) 3 illus. 21½ cm. (At head of title: Cámara agrícola oficial de la Provincia de Tarragona. Cover title: Las heladas tardías y las nubes artificiales. Modo de atenuar sus efectos.)

## RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

(C. FITZHUGH TALMAN, Professor in Charge of Library.)

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

*Engineering news. New York. v. 77. 1917.*

Alter, J. Cecil. Bucking the big drifts in Wyoming. p. 396-399. (Mar. 8.)

Wells, James P. A safe method proposed for estimating minimum rainfall. p. 502-504. (Mar. 29.) [With chart showing "minimum-mean rainfall factors for stations in the United States with long records."]

*Franklin institute. Journal. Philadelphia. v. 183. March, 1917.*

King, Louis Vessot. On the acoustic efficiency of fog-signal machinery. p. 259-286.

*Geographical review. New York. v. 3. March, 1917.*

Huntington, Ellsworth. The geographical work of Dr. M. A. Veeder. p. 188-194. [With portrait and list of writings.]

Veeder, M[ajor] A[lbert]. The relation between solar and terrestrial meteorology. p. 194-211.

Brooks, Charles F. New England snowfall. p. 222-240. [With charts.]

*Meteorological society of Japan. Journal. Tokyo. 36th year. February, 1917.*

Otobe Kokichi. Demonstration of horizontal and intersecting rainbows. p. 3-6. [cf. this REVIEW, Jan., 1917, p. 5.]

Otobe, Kokichi. Equation of horizontal rainbows. p. 7-14.

*Nature. London. v. 99. March 8, 1917.*

Dines, W[illiam] H[enry]. The horizontal temperature gradient and the increase of wind with height. p. 24.

*Royal society of Edinburgh. Proceedings. Edinburgh. v. 36. 1915-1916.*

Davison, Charles. The Ochil earthquakes of the years 1900-1914. p. 256-287.

*Scientific American. New York. v. 116. 1917.*

The permanent aurora. p. 264. (Mar. 10.)

Flying kites to study weather. p. 327; 333. (Mar. 31.) [Discusses work of the Drexel station of the U. S. Weather Bureau.]

*Scientific American supplement. New York. v. 83. 1917.*

Thomson, Elihu. Inferences concerning auroras and certain physical facts regarding them. (Mar. 24.) [Repr. Proc. Nat. Acad. Sci.]

Brooks, Charles F. World wide changes of temperature. Can seasonal forecasts be made from a study of the weather of the world? p. 194-195. (Mar. 31.)